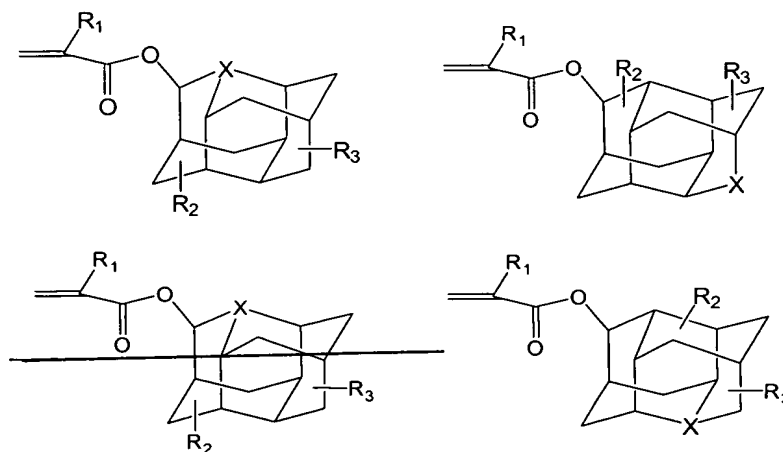


**AMENDMENTS TO THE SPECIFICATION:**

At page 38 of the specification, please insert the following heading and paragraph between lines 10 and 11:

**Heteroatom-containing diamondoid pendant groups**

A positive-acting photoresist composition may comprise a base resin polymerized from any of the following monors:



wherein  $\text{R}_1$  is selected from the group consisting of  $-\text{H}$  and  $-\text{CH}_3$ ;

$\text{R}_2$  is selected from the group consisting of  $-\text{H}$ , an alkyl group having from 1 to 4 carbon atoms, and an alkoxy group having from 1 to 4 carbon atoms;

$\text{R}_3$  is  $-\text{H}$ , or a hydrophilic-enhancing moiety selected from the group consisting of a hydroxyl group  $-\text{OH}$ , a keto group  $=\text{O}$ , carboxylic acid group  $-\text{COOH}$ , and alkoxy group  $-\text{OR}_4$ , and a group  $-\text{OC}(\text{O})\text{OR}_4$ ;

$\text{R}_4$  is  $-\text{CH}_3$  or  $-\text{C}_2\text{H}_5$ ;

$\text{X}$  is selected from the group consisting of oxygen, nitrogen, boron, and sulfur.